



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: PD20240026
Cust No: 21250-10735

Well/Lease Information

Customer Name: DJR Portable
Well Name: VCU H14-303H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 202 PSIG
Flow Temp: DEG. F
Ambient Temp: 43 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 02/13/2024
Sample Time: 3:54 PM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	63.5093	55.5280	6.9970	0.00	0.6143
CO2	0.2059	0.1800	0.0350	0.00	0.0031
Methane	23.3618	20.4260	3.9660	235.95	0.1294
Ethane	4.2112	3.6820	1.1280	74.53	0.0437
Propane	4.3794	3.8290	1.2080	110.19	0.0667
Iso-Butane	0.5793	0.5065	0.1900	18.84	0.0116
N-Butane	1.4506	1.2683	0.4580	47.32	0.0291
I-Pentane	0.3558	0.3111	0.1300	14.24	0.0089
N-Pentane	0.3514	0.3072	0.1280	14.09	0.0088
Hexane Plus	1.5953	1.3948	0.7120	84.09	0.0528
Total	100.0000	87.4329	14.9520	599.24	0.9683

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0017
BTU/CU.FT IDEAL: 600.6
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 601.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 591.2
DRY BTU @ 15.025: 613.8
REAL SPECIFIC GRAVITY: 0.9696

CYLINDER #: 1392
CYLINDER PRESSURE: 202 PSIG
ANALYSIS DATE: 02/13/2024
ANALYSIS TIME: 03:52:01 PM
ANALYSIS RUN BY: HEATHER ALEXANDER

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA-2261

GC: Danalyzer Model 500 Last Cal/Verify: 02/13/2024

GC Method: C6+ Gas



DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-303H

METER RUN

02/13/2024

Stn. No.:

21250-10735

Mtr. No.:

Smpl Date:	02/13/2024	03/27/2023	03/23/2023	03/20/2023	03/16/2023	03/13/2023	03/09/2023
Test Date:	02/13/2024	03/27/2023	03/23/2023	03/20/2023	03/16/2023	03/13/2023	03/09/2023
Run No:	PD20240026	PD20230688	PD20230668	PD20230644	PD20230622	PD20230587	PD20230576
Nitrogen:	63.5093	14.3426	14.8110	13.5219	13.5168	15.6164	14.1061
CO2:	0.2059	0.4395	0.4291	0.4386	0.4222	0.4340	0.4517
Methane:	23.3618	63.2772	62.7783	64.5228	60.9788	59.6722	58.5366
Ethane:	4.2112	7.7382	7.9235	7.8600	8.0311	8.3991	8.3801
Propane:	4.3794	9.4576	9.3196	8.8589	11.3958	10.1606	12.4841
I-Butane:	0.5793	1.0501	1.0618	1.0891	1.2386	1.1681	1.2422
N-Butane:	1.4506	2.2888	2.3572	2.3137	2.8401	3.1358	3.0891
I-Pentane:	0.3558	0.5062	0.4848	0.4761	0.5347	0.4879	0.6289
N-Pentane:	0.3514	0.4246	0.3949	0.4070	0.4677	0.4295	0.4800
Hexane+:	1.5953	0.4752	0.4398	0.5119	0.5742	0.4964	0.6012
BTU:	601.7	1192.2	1185.6	1194.0	1256.1	1217.7	1279.3
GPM:	14.9520	18.7330	18.7020	18.7430	19.1800	18.9470	19.3630
SPG:	0.9696	0.8288	0.8294	0.8212	0.8608	0.8587	0.8825
	03/06/2023	03/02/2023	02/28/2023	02/23/2023	02/20/2023	02/16/2023	02/13/2023
	03/06/2023	03/02/2023	02/28/2023	02/23/2023	02/20/2023	02/16/2023	02/13/2023
	PD20230510	PD20230469	PD20230425	PD20230386	PD20230351	PD20230312	PD20230269
	12.6832	13.7407	13.3193	14.0679	14.1637	14.7837	15.9834
	0.3892	0.3722	0.3643	0.3667	0.4207	0.3869	0.3934
	59.6854	60.0605	49.9639	57.0805	60.9970	57.2395	60.4919
	8.8762	8.5706	9.6585	8.6272	8.7444	8.1476	9.1346
	12.2404	11.6530	18.1634	13.4337	10.0676	11.8374	6.9989
	1.5183	1.4472	2.0396	1.4197	1.3879	1.6359	1.8890
	3.1288	2.9627	4.5451	3.3031	2.8859	3.6580	3.6285
	0.5136	0.4854	0.7415	0.6517	0.4869	0.7422	0.5912
	0.4473	0.4188	0.5838	0.5312	0.3976	0.6823	0.4534
	0.5176	0.2889	0.6206	0.5183	0.4483	0.8865	0.4357
	1293.6	1254.5	1444.4	1304.5	1230.1	1305.3	1200.5
	19.4690	19.1990	20.5560	19.5460	19.0400	19.5210	18.8560
	0.8754	0.8613	0.9787	0.8969	0.8509	0.9055	0.8510



DJR Portable
WELL ANALYSIS COMPARISON

Lease: VCU H14-303H
Stn. No.:
Mtr. No.:

METER RUN

02/13/2024
21250-10735

02/09/2023	02/06/2023	02/02/2023	01/30/2023	01/26/2023	01/23/2023	01/19/2023
02/09/2023	02/06/2023	02/02/2023	01/30/2023	01/26/2023	01/23/2023	01/19/2023
PD20230237	PD20230204	PD20230178	PD20230152	PD20230135	PD20230121	PD20230107
17.9828	19.3807	16.9860	16.8739	17.0109	14.1244	21.3615
0.4177	0.3972	0.4094	0.3910	0.4147	0.3708	0.3709
58.6921	60.1120	58.0243	55.3582	58.2113	45.3460	51.5635
8.7750	8.1123	8.8056	8.3643	8.3364	9.6766	7.7418
6.6752	6.2782	6.6874	13.2391	9.9734	21.3272	11.7270
1.9138	1.2628	2.4258	1.4930	1.3579	2.0027	1.7872
3.5628	3.1891	4.7369	3.0993	3.4160	4.8457	4.1764
0.7025	0.5177	0.6345	0.4776	0.4476	0.8722	0.4890
0.6286	0.3709	0.5898	0.3963	0.3812	0.7253	0.3752
0.6495	0.3791	0.7003	0.3073	0.4506	0.7091	0.4075
1189.3	1115.6	1237.4	1249.1	1206.3	1503.0	1210.9
18.7760	18.2570	19.0920	19.1870	18.8790	20.9730	18.9260
0.8656	0.8327	0.8858	0.8916	0.8660	1.0251	0.9148
01/16/2023	01/12/2023	01/09/2023	01/02/2023	12/29/2022	12/26/2022	12/22/2022
01/16/2023	01/12/2023	01/09/2023	01/02/2023	12/29/2022	12/26/2022	12/22/2022
PD20230095	PD20230078	PD20230059	PD20230018	PD20222534	PD20222510	PD20222484
21.3152	31.3292	25.9083	32.7895	31.6353	33.6196	34.4819
0.3911	0.3395	0.3657	0.2993	0.3273	0.3286	0.3642
54.1084	44.3531	54.3915	51.6114	49.9033	47.5958	44.4784
7.9590	7.3269	6.8213	6.3638	7.1844	7.4880	8.3350
9.9362	8.4202	8.2940	5.4874	6.1521	6.4274	7.1104
1.3351	1.0576	0.9594	0.8465	1.0604	1.1199	1.5885
3.3616	2.6161	2.1750	1.7700	2.3436	2.5476	3.0262
0.6607	0.6204	0.4094	0.3195	0.4841	0.3597	0.2869
0.5104	0.5632	0.3522	0.2679	0.4334	0.2867	0.1825
0.4223	3.3738	0.3232	0.2447	0.4761	0.2267	0.1460
1166.6	1141.8	1033.9	897.9	963.6	936.9	957.4
18.6260	18.4800	17.7130	16.8150	17.2870	17.1420	17.3370
0.8860	0.9766	0.8493	0.8341	0.8645	0.8685	0.8915



DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-303H

METER RUN

02/13/2024

Stn. No.:

21250-10735

Mtr. No.:

12/19/2022	12/15/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022	12/01/2022
12/19/2022	12/15/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022	12/01/2022
PD20222459	PD20222435	PD20222411	PD20222386	PD20222361	PD20222336	PD20222333
36.1864	36.8390	41.5740	44.7884	46.0567	46.9668	41.6994
0.3616	0.3441	0.2923	0.3058	0.2879	0.3320	0.3450
43.2269	45.0819	42.5334	40.9959	38.6751	37.2199	36.6424
7.4606	6.6822	5.7876	6.0689	5.5592	5.9227	6.9370
6.4250	5.7738	5.0388	5.2866	4.9081	5.2903	6.0379
1.3633	1.4480	1.1292	1.2540	1.0239	0.9460	1.7588
3.1404	2.9263	2.2653	0.0000	2.2323	1.9295	4.1367
0.6141	0.4028	0.4469	0.4470	0.4268	0.4526	0.8500
0.5436	0.3088	0.4010	0.3851	0.3804	0.3961	0.7536
0.6781	0.1931	0.5315	0.4683	0.4496	0.5441	0.8392
964.2	904.4	835.2	756.5	778.1	773.6	950.4
17.3440	16.9120	16.4340	15.9590	16.0740	16.0750	17.2620
0.9141	0.8823	0.8875	0.8712	0.8984	0.9059	0.9640
11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022	11/10/2022	11/07/2022
11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022	11/10/2022	11/07/2022
PD20222303	PD20222272	PD20222241	PD20222208	PD20222175	PD20222143	PD20222088
45.2874	49.5441	47.5818	53.1989	46.2696	53.4159	47.1774
0.3099	0.3311	0.2706	0.2456	0.2592	0.2330	0.2208
37.9651	33.4196	36.7762	33.2353	38.0872	32.3800	35.6915
5.6910	4.9780	5.5208	4.6353	6.0746	5.3529	6.7185
4.9841	4.3676	4.9952	4.2538	5.4838	4.7934	5.9244
1.0005	1.5799	1.0625	0.9694	0.8628	0.8402	0.9416
2.3832	3.8232	2.3584	2.1946	1.8485	1.9472	2.1355
0.5866	0.7145	0.4800	0.4444	0.3567	0.3882	0.3919
0.5683	0.6055	0.4361	0.3908	0.3264	0.3379	0.3384
1.2239	0.6365	0.5184	0.4319	0.4312	0.3113	0.4600
834.5	801.8	773.7	686.9	772.0	681.5	785.8
16.4480	16.2290	16.0530	15.4720	16.0650	15.4750	16.1930
0.9270	0.9518	0.9116	0.9151	0.8962	0.9137	0.9141

Location:	VCU 303H	Date:	2/13/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
1844	76.83333333	24	1844
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
63.5093	0.635093	0.364907	672.9

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 316742

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 316742
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: • this application's operator, hereinafter "this operator"; • venting and/or flaring, hereinafter "vent or flare"; • any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms"; • the statements in (and/or attached to) this, hereinafter "the statements in this"; • and the past tense will be used in lieu of mixed past/present tense questions and statements.
--

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 316742

QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 316742
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	[30-043-21404] VENADO CANYON UNIT #303H
Incident Facility	Unavailable.

Determination of Reporting Requirements Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.	
Was this vent or flare caused by an emergency or malfunction	No
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a vent or flare event	Yes, major venting and/or flaring of natural gas.
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.	
Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the vent or flare within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Well
Additional details for Equipment Involved. Please specify	Flare stack

Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	23
Nitrogen (N2) percentage, if greater than one percent	64
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 316742

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 316742
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/13/2024
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Normal Operations Well Natural Gas Flared Released: 673 Mcf Recovered: 0 Mcf Lost: 673 Mcf.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity	
Was this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	N2 clean up from hydraulic fracturing of nearby wells VCU 504H & 506H with N2. DJR intends to flare until natural gas meets pipeline quality specifications.
Steps taken to limit the duration and magnitude of vent or flare	Analysis of natural gas samples will be taken twice per week while natural gas is routed to a properly sized flare stack equipped with a continuous pilot until natural gas meets pipeline requirements.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	N/A

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 316742

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 316742
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
☒	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
☒	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
☒	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 316742

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 316742
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
Ilain	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	2/22/2024